

Tips of both wings edged with brown :—2. *cruentata* * ; 3. *vulnerata* * ; 6. *tricolor* * ; 7. *titia* ; 10. *macropus*, var. *sublimbata*.

Tips of both wings with a rounded brown spot :—10. *macropus* (except var. *sublimbata*) ; 1. *fuscoguttata*.

Tips of hind wings only with a rounded brown spot :—5. *sempronia*.

Males and Females.

Pterostigma always absent, so far as at present known :—1. *fuscoguttata* ; 2. *cruentata* ; 3. *vulnerata* ; 8. *caja*.

Pterostigma regularly varying from present to absent :—4. *americana* ; 6. *tricolor* ; 7. *titia* ; 10. *macropus* ; 12. *capitalis* ; 15. *tolteca* (?) ; 16. *rudis*.

Pterostigma never absent, so far as at present known :—5. *sempronia* ; 11. *miniata* ; 13. *majuscula* ; 14. *infecta* ; 17. *maxima*.

1. *Hetærina fuscoguttata*. (Tab. II. figg. 33, 34.)

Hetærina fuscoguttata, Selys, Ann. Soc. Ent. Belg. xxi., Compt. Rend. p. xxi (1878) ¹ ; Bull. Acad. Roy. Belg. (2) xlvii. p. 367 (1879) ² ; Kirby, Cat. Odon. p. 107 (1890) ³.

Hab. PANAMA ^{1 2}, Bugaba (*Champion*: 1 ♂).

De Selys's second description is much the more detailed. Compared with it, the present male is a little smaller—abdomen 40.5 mm., hind wing 26.5 mm. The basal red, or rather pink, spot of the front wings occupies also the submedian space outward to the level of the middle of the quadrilateral ; and on the hind wings, instead of being “nulle,” it exists as a pink cloud in the submedian space from the wing-base two-thirds of the way to the arculus. There are four yellow stripes on either side of the thorax, viz., at the humeral, first and second lateral sutures, and on the metepimeron just above the latero-ventral metathoracic carina. The metasternum of this male is pruinose. The inferior appendages are half as long as the superiors, instead of “un tiers plus courts.” Two or more double cells exist within the median space on all the wings. The apical brown spots on the wings are scarcely more densely reticulated than adjacent uncoloured areas.

2. *Hetærina cruentata*. (Tab. II. figg. 31, 32 ; Tab. III. fig. 19.)

Calopteryx cruentata, Rambur, Névr. p. 228 (1842) ¹.

Hetærina cruentata, Selys, Syn. Calopt. p. 39 (1853) ² ; Monogr. Calopt. p. 127, t. 4. fig. 3 (wing) ; t. 12. fig. 1 (apps.) (1854) ³ ; in Sagra's Hist. Cuba, Ins. p. 461 (1857) ⁴ ; Walker, List Neur. Ins. Brit. Mus. iv. p. 625 (1853) ⁵ ; Hagen, Neur. Am. p. 59 (1861) ⁶ ; Proc. Bost. Soc. Nat. Hist. pp. 23, 28 (1875) ⁷.

♀ ? *Calopteryx luteola*, Ramb. Névr. p. 223 (1842) ⁸.

Hetærina luteola, Kirby, Cat. Odon. p. 105 (1890) ⁹.

Hab. MEXICO ³, Misantla (*Godman*: 7 ♂, 2 ♀), Jalapa (*M. Trujillo*: 2 ♂, 4 ♀ ; *Rhoads*: 1 ♀ ; *Barrett*, coll. P. P. C.: 1 ♀ ; and in coll. *Adams*, P. P. C. det.), Coatepec